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REMARKS

The Office Action dated August 25, 2006 has been read and carefully considered and the present amendment submitted in order to expedite the allowance of the claims in the application.

In that Office Action, claims 1, 2, 4-6, 8, 14, 20-24, 26, 27, 29, 30 and 33 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wain *et al*, U.S. Patent 6,768,321 in view of Nowak, U.S. Patent 4,121,504. Claims 9-10, 25 and 50 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wain *et al* and Nowak and further in view of Glasson, U.S. Patent 6,234,061. Claims 31 and 35-37 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wain *et al* and Nowak in view of Motz, U.S. Patent 6,825,709. Claims 32 and 34 were rejected under 35 U.S.C. 103(a) as being unpatentable over Wain *et al* and Nowak in view of Hager *et al*, U.S. Patent 3,834,345. Claims 3, 7, 12, 13, 15-19, 28 and 38 were objected to as being dependent upon a rejected base claim but were indicated as being allowable if rewritten in independent form to include the limitations of the base claim and any intervening claims. Applicant appreciates the indication of allowable subject matter in the present application.

As such, Applicant has now amended claim 1 to include the limitation of claim 3 and claim 2 to the extent that claim 1 now recites that the sensing means includes a transducer that is "mounted to the exterior of the frame and operable disposed to a target magnet movable in cooperation with the movement of the spool" and it is believed that such language was the basis for the allowability of claim 3. As such, the language limiting that transducer to a Hall-effect transducer has been retained in claim 3 and claim 2 has been canceled. With that amendment, therefore it is submitted that claim 1 is in allowable form along with its dependent claims 3-10, 12-19, 33-38 and 50.

In addition, those claims that were objected to have been rewritten in independent form and introduced herein as new claims. Thus claim 7 is new

independent claim 55; claim 12 is new independent claim 56; claim 13 is new dependent claim 57; claim 14 is new independent claim 58; claim 16 is new dependent claim 59; claim 17 is new dependent claim 60; claim 18 is new dependent claim 61; claim 9 is new dependent claim 62; claim 28 is new independent claim 63 and claim 38 is new independent claim 64.

Accordingly, it is submitted that all of the claims remaining in this application are now in allowable form and an allowance of this patent application is respectfully solicited.

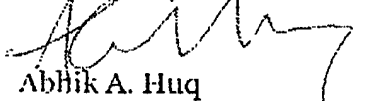
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***Correspondence and Fees***

No fees are believed to be necessitated by the instant response. However, should this be in error, authorization is hereby given to charge Deposit Account no. 03-3839 for any underpayment, or to credit any overpayments.

Please address all correspondence to the correspondent address for **Customer No. 26345 of Intellectual Docket Administrator, Gibbons, Del Deo, Dolan, Griffinger & Vecchione**, One Riverfront Plaza, Newark, NJ 07102-5497. Telephone calls should be made to Abhik A. Huq at (215) 446-6268 and fax communications should be sent directly to him at 215-446-6309.

Respectfully submitted,

  
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